MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

AUGUST, 1937

J. A. BROWN, DIRECTOR

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WEATHER BUREAU

AUGUST 1937

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	54.3	53.9	54.0	54.1	32.4	24.8	29.4	31.7	26.9	29.3
2	3.6	3.0	3.6	3.4	32.9	25.8	29.3	32.4	27.3	29.7
3	3.8	3.0	3.3	3.4	33.2	26.0	29.4	32.4	27.5	29.8
4	3.9	3.6	4.0	3.8	33.2	25.1	29.9	32.1	27.4	29.8
5	4.3	4.6	3.1	4.0	33.3	24.6	29.6	32.2	27.2	29.7
6	55.8	55.6	55.1	55.5	33.3	25.7	29.4	32.6	27.5	29.8
7	4.5	4.3	4.3	4.4	33.8	25.4	29.4	33.7	26.7	29.9
8	5.0	5.1	5.0	5.0	33.4	24.8	30.2	32.3	27.8	30.1
9	4.7	4.8	4.4	4.6	32.5	23.6	28.7	31.4	25.1	28.4
10	4.0	3.7	4.0	3.9	32.1	23.6	29 9	30.7	26.2	28.9
11	54.1	53.9	54.6	54.2	32.5	24.1	29.1	31.1	26.7	29.0
12	5.3	5.1	5.2	5.2	33.1	24.0	29.0	32.1	26.8	29.3
13	5.5	4.7	5.1	5.1	32.6	23.9	29.3	31.6	27.4	29.4
14	3.5	3.1	3.6	3.4	32.9	24.3	28.7	32.3	27.2	29.4
15	3.2	2.6	2.9	2.9	32.9	26.0	29.3	32.1	27.3	29.6
16	53.5	52.4	53.7	53.2	33.2	23.8	29.3	32.3	23.7	28.4
17	1.9	3.1	2.7	2.6	32.7	24.0	29.3	31.2	26.6	29.0
18	4.0	5.2	6.0	5.1	32.9	25.2	29.4	32.6	26.2	29.4
19	5.9	5.6	7.3	6.3	33.2	23.8	29.1	31.7	25.9	28.9
20	5.8	6.1	5.7	5.9	32.5	22.9	27.7	31.9	28.9	29.5
21	56.0	55.7	56.3	56.0	32.3	23.4	28.0	31.9	27.1	29.0
22	5.6	5.6	5.6	5.6	31.6	22.9	28.9	30.1	25.6	28.2
23	3.9	3.7	5.0	4.2	32.8	23.3	28.7	32.3	26.5	29.2
24	6.3	5.5	6.6	6.1	32.7	23.4	28.7	32.1	26.6	29.1
25	7.6	5.9	6.0	6.5	32.8	23.9	28.3	32.4	26.1	28.9
26	54.6	53.9	53.6	54.0	32.1	23.8	29.1	31.2	26.5	28.9
27	4.0	3.8	4.6	4.1	32.1	23.0	29.3	30.4	26.3	28.7
28	3.5	3.6	3.8	3.6	33.1	24.0	28.8	29.8	25.8	28.1
29	5.4	6.1	5.3	5.6	32.1	23.7	29.4	32.0	29.5	30.3
30	7.5	6.6	6.6	6.9	32.8	23.7	29.6	31.4	29.7	30.2
31	6.0	5.1	3.1	4.7	33.4	23.3	28.9	32.0	28.7	29.9
	754.74	754.48	754.65	754.62	32.79	24.19	29.16	31.81	26.90	29.29

Barometer, range for month 751.9 mm.–757.6 mm.

,, 50-yr. average for month 756.173 mm.

Thermometer, range for month 22.9° C.—33.8° C.

,, 50-yr. average for month 28.39° C.

Rain, total for month .... mm.

,, , 50-yr. average for month 0.51 mm

,, , total, Sept. 1st to end of month 822.76 mm.

,, 50-yr. average, Sept 1st to end of month 907.56 mm

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METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	24.3	24.9	23.9	18.5	18.1	19.6	18.7	61	52	75	63	11.6	
2	25.4	26.7	25.0	20.8	21.0	21.5	21.1	68	58	79	68	10.8	
3	25.5	27.1	25.6	20.9	21.9	22.5	21.8	68	60	82	70	10.7	
4	25.5	26.5	24.4	20.5	20.9	20.1	20.5	65	59	75	66	10.6	
5	23.9	25.5	24.4	17.6	20.3	18.8	18.9	57	53	77	62	11.3	
6	24.9	26.2	24.7	19.8	19.9	20.7	20.1	65	54	76	65	11.8	
7	26.1	28.1	25.2	22.1	21.6	22.4	21.8	72	48	87	69	11.9	
8	25.9	26.2	24.2	21.2	20.2	19.5	20.3	66	56	70	64	12.4	
9	22.7	23.3	20.8	16.1	15.5	15.2	15.6	54	45	65	55	12.4	
10	23.6	24.2	22.3	16.9	17.5	17.0	17.1	54	53	67	58	9.1	
11	23.1	23.8	22.9	16.6	16.5	17.8	17.0	55	49	68	57	12.4	
12	23.4	25.0	22.8	17.2	18.0	17.5	17.6	58	51	66	58	12.3	
13	24.3	25.4	24.3	18.6	19.1	19.9	19.2	62	54	73	63	11.8	
14	25.1	26.4	24.9	20.5	20.6	21.5	20.9	70	58	81	70	12.4	
15	24.8	26.5	21.6	19.6	20.9	15.2	18.6	65	58	56	60	12.7	
16	24.9	25.9	22.2	19.7	19.6	18.7	19.3	65	55	85	68	12.2	
17	23.9	24.8	23.9	17.9	18.3	19.9	18.7	59	54	77	63	12.2	
18	24.8	25.9	24.0	19.5	19.4	20.3	19.7	69	53	80	67	12.1	
19	24.3	25.4	22.6	18.8	18.9	17.8	18.5	62	54	71	62	11.5	
20	23.1	24.5	22.2	17.4	17.1	15.2	16.6	63	48	51	54	12.1	
21	23.3	23.9	22.3	15.8	16.3	16.4	16.2	56	45	61	54	8.7	
22	22.6	23.9	22.1	15.8	17.4	17.0	16.7	53	55	70	59	9.2	
23	22.3	24.8	23.5	15.4	17.5	19.1	17.3	52	49	74	58	12.0	
24	23.1	25.6	24.2	16.8	19.1	20.4	18.8	57	54	79	63	12.0	
25	24.6	26.0	23.2	19.3	19.7	18.7	19.4	69	54	74	66	11.6	
26	23.0	24.6	22.3	16.4	17.9	16.7	17.0	54	53	64	57	11.4	
27	23.4	23.9	22.2	17.8	17.2	16.8	17.3	59	53	65	59	11.8	
28	22.1	23.7	21.4	15.3	17.1	15.7	16.0	53	55	63	58	9.4	
29	23.3	24.5	23.9	17.7	17.1	17.3	17.5	58	48	58	55	11.9	
30	23.2	25.5	25.1	20.2	19.4	19.8	19.8	65	56	63	61	12.3	
31	25.0	26.1	24.2	20.1	20.1	19.7	20.0	68	57	67	64	12.1	
				18.43	18.77	18.71	18.65	62.00	53.23	71.26	61.81	11.51	

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

	Clouds Clear—0 Overcast—10				Direction and force of wind Beaufort scale			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	2cu	1cu	3cu	2.0	0	2sw	2sw	332.1	mod.	
2	9cu	0	0	3.0	2w	2sw	1s	371.0	,,	
3	0	0	0	0.0	3sw	2sw	0	764.6	,,	
4	2cu	4cu	3cu	3.0	3sw	3s	3s	889.8	rough	
5	2cu	1cu	0	1.0	1se	2sw	1sw	373.0	mod.	
6	4cu	2cu	7cu	4.3	1s	1s	0	103.2	slight	
7	6ci	3cu	0	3.0	1s	1s	0	134.9	,,	
8	3stcu	0	0	1.0	1sw	1s	0	211.6	calm	mist on sea a.m.
9	4cu	0	0	1.3	1s	1w	0	251.3	slight	
10	3cu	10cu	0	4.3	0	2w	0	414.2	calm	
11	2cu	0	9cu	3.7	1sw	0	0	312.4	slight	
12	2cu	4cu	6cu	4.0	0 *	2sw	2s	228.2	,,	mist on sea a.m.
13	2cu	2cu	10stcu	4.7	2sw	2w	2s	269.7	,,	
14	3cu	0	7cu	3.3	2sw	2sw	2w	363.5	,,	
15	0	3cu	2cu	1.7	2s	4sw	4sw	647.9	,,	
16	0	0	0	0.0	3sw	3sw	4sw	459.9	,,	haze on sea a.m.
17	2ci	4ci	2ci	2.7	2sw	4w	3sw	440.0	calm	
18	1cu	0	0	0.3	3sw	3sw	1s	2[illegible]8.8	slight	
19	2cu	0	2cu	1.3	2sw	3sw	1sw	200.6	calm	haze on sea a m.
20	1cu	0	6cu	2.3	1s	3s	1sw	182.7	,,	
21	4cu	0	6cu	3.3	2sw	2sw	2sw	259.0	slight	
22	0	8cu	5cu	4.3	3sw	3sw	2sw	333.2	,,	
23	0	2cu	0	0.7	3s	3sw	2sw	287.3	,,	
24	0	0	3cicu	1.0	3sw	3sw	2sw	318.8	,,	mist on sea a.m.
25	4cicu	0	0	1.3	4sw	3sw	2s	332.4	,,	
26	1cu	2cu	0	1.0	4e	4sw	3sw	434.6	,,	
27	3cu	2cu	3cu	2.7	3s	3s	2s	172.4	mod.	
28	0	8stcu	0	2.7	2sw	3w	2sw	190.0	slight	mist on sea a.m.
29	5cu	0	0	1.7	2sw	3s	2sw	238.1	,,	,, ,, ,, ,,
30	0	0	0	0.0	2sw	2w	1sw	180.4	,,	,, ,, ,, ,,
31	5cu	0	0	1.7	2w	3sw	1sw	257 5	,,	,, ,, ,, ,,
				2.17	2.0	2.4	1.5	329.46		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Total
8:30	0	0	1	1	7	17	2	0	3	31
14:30	0	0	0	0	7	17	6	0	1	31
20:30	0	0	0	0	7	16	1	0	7	31
Totals	0	0	1	1	21	50	9	0	11	93

Number of days with rain 0, fog 0, thunderstorm 0, gales 0.

50-yr. average number of days with rain during month 0.2

* 3-cup electrically recording Anemometer installed.